

MUR-3494

43/F #43  
Bates  
9-13-01  
PATENT



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: David B. Smith : Art Unit: 3662  
Serial No.: 08/976,440 : Examiner: Nelson Moskowitz  
Filed: November 25, 1997 :  
FOR: TRANSMISSION OF DATA :  
IN BOREHOLES

AMENDMENT

Assistant Commissioner for Patents  
Washington, D.C. 20231

RECEIVED  
AUG 28 2001  
OFFICE OF PETITIONS

S I R :

In response to the Office Action dated December 12, 2000, please  
amend the above application as follows:

IN THE CLAIMS:

Please replace claims 1 and 9 with the following amended claims:

- FI
- 1 1. (Twice Amended) A method of transmitting data in a
  - 2 borehole, the method comprising providing a first electric signal representative
  - 3 of the data to be transmitted, converting said first electric signal into a sonic
  - 4 signal at a first location closely adjacent one side of a physical obstruction in an
  - 5 internal bore of an elongate tubular member and propagating said sonic signal
  - 6 along said elongate tubular member from said first location to a second location

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